

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.


- ☐ 1. Use a recent generation-based study to calculate your current reporting-year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section 1: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Clearlake		Lake	
Authorized Signature 		Title Code Enforcement Tech.	
Type/Print Name of Person Signing	Date	Phone ()	
Janine Lowe	11/28/2001	707-994-8201 x118	
Person Completing This Form (please print or type)		Title	
Same as above		Same	
Affiliation: City of Clearlake employee			
Mailing Address	City	State	ZIP Code
14050 Olympic Drive	Clearlake	CA	95422
E-mail address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion

1. Current Board-approved base-year:

1990

2. Proposed new generation-based study year:

1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The disposal and diversion are typical year totals because there were not any anomalies.

4. Enter your diversion rates below.

Diversion rate calculated using current base year

a. -9 %

Diversion rate calculated using new generation-based study

b. ~~31~~ ²⁴ %

For existing base year pounds/person/day based on generation

For new generation based study pounds/person/day based on generation

Residential 73 % Non-Residential 27 %

Residential 73% % Non-Residential 27% %

Population existing generation based study

Population new generation-based study 11900

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and any explanations, e.g. change in jurisdiction's demographics.

The City of Clearlake orders recycled copier paper, products for bathrooms and parks; we use double-sided copies whenever possible, print cartridges, wasted single-side copies are used for scratch paper. Christmas trees, telephone books and community clean up projects are still underway. Tire, vehicle and white iron amnesty days are also offered. We currently have a pilot program in place that has been ongoing for residential curbside greenwaste collection. Hazmobile is available for disposal of hazardous materials. School garbage customers are provided with free dumpsters for recycling by the City's franchise hauler. Local franchise hauler has a buy-back center at their location which accepts auto batteries, cardboard, plastic, aluminum, glass, oil and oil filters for redemption. These are a few things the City participates in and offers to citizens to support our 31% diversion rate.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the reasons for the difference. (For example: new/improved diversion programs or previous data errors.)

Originally the measurement was an undercounted base year.

7. Disposal Tonnage: (enter values)		10335	3822	14157
		Residential	Non-Residential	Total

Please select the **ONE** choice below

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Modification Certification sheet)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Modification Certification sheet)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, please identify those programs/waste types and fill out section 10.

*Please provide detailed Non-residential waste information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used and Source (if any)	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting		0.0%			
Grasscycling					
Other residential source reduction (list each program separately)					
Garage Sales		0.0%			
Material Handlers - Diapers		0.0%			
Flea Market	150	0.8%	Used household items	.04 per sq. foot * 144 sq feet * 26 booths	CIWMB Diversion Study Guide
Yard Sale	346	1.9%	Misc. items	20 garage sales per week * 52 weeks per year * .035 tons per garage sale	
Thrift Stores	392	2.1%	Misc. items	.04 tons per square foot; estimated	CIWMB Diversion Study Guide
Subtotal Res. Source Reduction	887	4.8%			
Recycling					
Curbside Recycling	217	1.2%	Paper, Cardboard, glass, tin, plastic and aluminum	Weight tickets	Timberline; records @ business.
Buyback centers	565	3.0%	Aluminum, glass, plastic, scrap aluminum, copper, brass and other/	Weight sheets per month	Tomra; records @ business
Drop-off centers					
Other residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used and Source (if any)	Type of record and location of record
<p>Please use the Board's program types. The program type glossary is online at: http://www.clwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm</p> <p>Enter program name</p>	(A)	(A/Total Generation)			
Subtotal Res. Recycling	782	4.2%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used and Source (if any)	Type of record and location of record
Composting					
Green waste drop-off					
Curbside green waste					
Christmas Tree program					
Other residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Res. Composting	0	0.0%			
Subtotal Residential Diversion	1669	9.0%			
Non-Residential Activities:					
Source Reduction					
Non-residential Waste Audits*	684	3.7%		See Section 11	
Other non-residential source reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Res. Source Reduction	684	3.7%			
Recycling					
Non-residential Waste Audits*	1715	9.2%		See Section 11	
Scrap metal					
Construction and demolition					
Landfill salvage					

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used and Source (if any)	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.chmb.ca.gov/LGCentral/PARIS/Code/Reduce.htm					
Other non-residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Res. Recycling	1715	9.2%			
Composting					
Non-Residential Waste Audits	370	2.0%		See Section 11	
Other non-residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Res. Composting	370	2.0%			
Subtotal Non-Residential Diversion	2759	14.9%			
Res./Non-Res. Diversion Activities					
Subtotal Residential/Non-Residential diversion	0	0.0%			
Total Diversion Tons	4438	23.9%			
Total Disposal Tons from Sec.7	14157	76.1%			
Total Generation Tons (Div+Dis)	18595				

Please provide an attachment 9 which includes all of the businesses surveyed. Include for each business (use type of business in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type.
(Form will perform all addition calculations).

[illegible]

Summarize the non-residential diversion activities quantification methodology and applicable conversion factors.

10. For each restricted waste type (i.e. agricultural waste, inert solids, scrap metals and white goods [PRC Section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete one of the following tables:

Note: program name refers to one specific diversion program for that waste type; example (Diversion City Public Wastes Dept.)

Restricted Waste Type	Specific Program name	Year started	Tonnage
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide documentation showing: (Note: If documentation for one wastetype and program has already been approved by the Board, you do not have to provide an attachment 10b. Instead please provide date of Board approval of previous submitted information.)

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).

- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Ref. #	Source	Type of Generator	Residential/Non-Residential	Material type	Diversion Activity	Src Prod - SR, Recycle = R, Compost = C	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight	COMMENTS
1	Grocery Store	Grocery Store	Non Residential	cardboard	recycled	Recycling	215.4 1203	confidential-Roger @ Safeway 818-767-1203	Quantification/Methodology	
1		Grocery Store	Non Residential	plastic	recycled	Recycling	4.9 1203	confidential-Roger @ Safeway 818-767-1203	Quantification/Methodology	
1		Grocery Store	Non Residential	bone and fat	Meat Rendering	Recycling	20.8 1203	confidential-Roger @ Safeway 818-767-1203	Quantification/Methodology	
1		Grocery Store	Non Residential	wood scraps**	composting	Composting	8.2 organics	**recycled via composting & included in	estimated by Manager	
1		Grocery Store	Non Residential	waxed boxes**	composting	Composting	8.2 organics	**recycled via composting & included in	estimated by Manager	
1		Grocery Store	Non Residential	bakery stuff* plastic and wood pallets shipping containers returned to vendor	composting	Composting	8.2 organics	**recycled via composting & included in	estimated by Manager	
1		Grocery Store	Non Residential	bread	source reduction	Source Reduction	8.2 weight tickets		exact amount	
1		Grocery Store	Non Residential	produce	composting	Composting	107.7 weight tickets		exact amount	
3	Grocery Store	Grocery Store	Non Residential	produce	animal feed returned to vendor	Source Reduction	82.13 450 lbs. Per day		estimated	
3		Grocery Store	Non Residential	bakery waste (breads, cakes, etc.)	to charity	Source Reduction	2.6 100 lbs. Per week		estimated	
3		Grocery Store	Non Residential	misc. food waste	exchange -- material	Source Reduction	11.7 3 barrels @ 150 lbs. Per week		estimated	
3		Grocery Store	Non Residential	reclamation items -- damaged goods	To Fleming Foods	Source Reduction	13 500 lbs. Per week		estimated	
3		Grocery Store	Non Residential	reclamation items -- outdated products	To Fleming Foods	Source Reduction	13 500 lbs. Per week		estimated	
3		Grocery Store	Non Residential	reclamation items -- discontinued items	To Fleming Foods	Source Reduction	26 1000 lbs. Per week		estimated	
4	Grocery Store	Grocery Store	Non Residential	produce	composting	Composting	27.6 Weekly deliveries & returns		estimated	
4		Grocery Store	Non Residential	pallets	back to vendor	Source Reduction	50.4 Weekly deliveries & returns		estimated	

Board Meeting
May 14-15, 2002

Agenda Item
Attachment 2a

Ref. #	Source	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Src Red =SR; Ryc=R; Cmpst=C	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight	COMMENTS
4	Greeny Store	Grocery Store	Non Residential	newspaper advertising	To Tomra	Recycled Source	2.47 Weekly deliveries & returns		estimated	
4	Greeny Store	Grocery Store	Non Residential	dairy products	to charity	Source Reduction	3.2 Weekly deliveries & returns		estimated	
4	Greeny Store	Grocery Store	Non Residential	bakery stuff	to charity	Source Reduction	1 Weekly deliveries & returns		estimated	
4	Greeny Store	Grocery Store	Non Residential	bread products	to charity	Source Reduction	1 Weekly deliveries & returns		estimated	
4	Greeny Store	Grocery Store	Non Residential	cardboard	bale and back to whs.	Source Reduction	21 Weekly deliveries & returns		estimated	
5	Greeny Store	Department Store	Non Residential	cardboard	recycled	Recycling	520 when baler is full then all is recycled		estimated	
5	Greeny Store	Department Store	Non Residential	pallets	back to vendor	Recycling	328.5 65.700 lbs per year divided by 2000		estimated	
6	Greeny Store	Recycling Company	Residential	aluminum	residential buy-back	Recycling	129.21 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	glass	residential buy-back	Recycling	251.95 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	plastic	residential buy-back	Recycling	19.75 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	scrap aluminum	residential buy-back	Recycling	140.9 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	copper	residential buy-back	Recycling	12.86 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	brass	residential buy-back	Recycling	8.68 weight sheets per month		exact amount	
6	Greeny Store	Recycling Company	Residential	other	residential buy-back	Recycling	1.33 weight sheets per month		exact amount	
7	Greeny Store	Disposal Company	Residential	paper	residential curbside recycling	Recycling	54.7 weight tickets		exact amount	
7	Greeny Store	Disposal Company	Residential	cardboard	residential curbside recycling	Recycling	60 weight tickets		exact amount	
7	Greeny Store	Disposal Company	Residential	glass	residential curbside recycling	Recycling	62.56 weight tickets		exact amount	
7	Greeny Store	Disposal Company	Residential	tin	residential curbside recycling	Recycling	19.1 weight tickets		exact amount	
7	Greeny Store	Disposal Company	Residential	plastic	residential curbside recycling	Recycling	19.1 weight tickets - *shipped together w/tin		exact amount	
7	Greeny Store	Disposal Company	Residential	aluminum	residential curbside recycling	Recycling	1.8 weight tickets		exact amount	
7	Greeny Store	Disposal Company	Non Residential	paper	Non Residential onsite pickup	Recycling	43.11 weight tickets		exact amount	

Ref. #	Source	Type of Generator	Residential/N or Residential	Material type	Diversion Activity	Src Red.=SR; Rcy=R; Cmpst=C	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight	COMMENTS
7	[REDACTED]	Disposal Company	Non Residential	cardboard	Residential onsite pickup Non	Recycling	430.04 weight tickets		exact amount	
7	[REDACTED]	Disposal Company	Non Residential	glass	Residential onsite pickup Non	Recycling	8.25 weight tickets		exact amount	
7	[REDACTED]	Disposal Company	Non Residential	tin	Residential onsite pickup Non	Recycling	1.9 weight tickets		exact amount	
7	[REDACTED]	Disposal Company	Non Residential	plastic	Residential onsite pickup Non	Recycling	1.9 weight tickets- **shipped together w/tin		exact amount	
7	[REDACTED]	Disposal Company	Non Residential	aluminum	Residential onsite pickup	Recycling	1.9 weight tickets- **shipped together w/tin .04 tons per square foot Diversion Study		exact amount	
8	Hospice	Thrift Store	Residential	misc. items	thrift shops	Source Reduction	119.68 Guide		estimated	
9	[REDACTED] Thrift Store	Thrift Store	Residential	misc. items	thrift shops	Source Reduction	.04 Guide		estimated	
10	Thrift Store	Thrift Store	Residential	misc. items	thrift shops	Source Reduction	.04 tons per square foot Diversion Study		estimated	
11	[REDACTED] Retail Store	Renderer Department Store	Non Residential	tallow	material exchange	Source Reduction	34			Janine does not know Generator. Ask Jill
12	[REDACTED] Tire	Tire Store	Non Residential	Tires	recycled	Recycled	44.47 weigh tickets per pickup		estimated	
12	[REDACTED] Tire	Tire Store	Non Residential	Tires	recycled	Recycled	40 100 tires per ton		estimated	
12	[REDACTED] Tire	Tire Store	Non Residential	Tires	recycled	Recycled	42 100 tires per ton		estimated	
12	[REDACTED] Tire	Tire Store	Non Residential	Tires	recycled	Recycled	9 15 tires per month		estimated	
13	[REDACTED] City	Are these city parks?	Non Residential	Grass	Grass Cycling business	Source Reduction	240 300 - 400 lbs per 1000 sq feet per year		31.5 acres	
14	[REDACTED] Lumber Company	Lumber Company	Non Residential	pallets	business reduction -- sold & given to public	Source Reduction	2.5 20 - 25 lbs. per pallet x 250 pallets		estimated	
14	[REDACTED] Lumber Company	Lumber Company	Non Residential	wood scraps	business reduction -- reused	Source Reduction	2.5 500 lbs. Per box x 10 boxes per year		estimated	
15	[REDACTED] Retail	pharmacy department store	Non Residential	pallets	business reduction -- reused	Source Reduction	18,200 lbs. Per year divided by 2000 per 9.1 ton		estimated	

Ref. #	Source	Type of Generator	Residential/N on Residential	Material type	Diversification Activity	Src Red.=SR; Rcy=R; Cmpst=C	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight	COMMENTS
16	Hardware	Hardware & Lumber	Non Residential	pallets	business source reduction - reused	Source Reduction	0.75	1500 divided by 2000	estimated	
16		Hardware & Lumber	Non Residential	wood scraps	business source reduction sold & given to public	Source Reduction	6	1 bx of wood scraps = 1000 lbs, 12 boxes sold = 12,000 divided by 2000	estimated average of 20 sales a week	
17	Yard Sales	Residents	Residential	misc. items	materials exchange	Source Reduction	346	.035 tons per garage sale		
18	Flea Market	flea market	Residential	used household items	materials exchange	Source Reduction	149.76	.04 per square foot	each booth was 144 sq feet/26 booths	
19	Alternative daily cover		Non Residential	green waste	alternative daily cover	Composting	202.06	from disposal reporting system	estimated	
							4,438.26			